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PTO/SB/05 (08-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unle

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Application Number	
First Inventor	Mitchell W. Mutz
Title	Acoustic Assessment of Fluids in a Plurality of Reservoirs
Attornous Dookset Number	

APPLICATION FLEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents Box Patent Application Washington, DC 20231

- Fee Transmittal Form (e.g., PTO/SB/17)
- (Submit an original and a duplicate for fee processing)
- Applicant claims small entity status. See 37 CFR 1.27.
- Specification [Total Pages 40 + Cover] (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table. or a computer program listing appendix
 - Background of the Invention - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
- Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets _2
- Oath or Declaration [Total Pages 4
- Newly executed (original or copy) Copy from a prior application (37 CFR 1.63(d)) b.
 - (for continuation/divisional with Box 17 completed) □ DELETION OF INVENTOR(S)
 - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet, See 37 CFR 1.76

- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable)
 - a.

 Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - □ CD-ROM or CD-R (2 copies); or i i
 - paper
 - Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- Assignment Papers (cover sheet & document(s))
- 10. □ 37 CFR 3.73(b) Statement □ Power of Attorney (when there is an assignee)
- 11.

 English Translation Document (if applicable)
- 12. Information Disclosure □ Copies of IDS Citations
- Statement (IDS)/PTO-1449 13. Preliminary Amendment
- Return Receipt Postcard (MPEP 503)
- (Should be specifically itemized) 15.

 Certified Copy of Priority Document(s)
- (if foreign priority is claimed) ■ Other: Blanket Petition

17. If a CONTINUING A	APPLICATION, cher	ck appropriate box, and sup	ply the requisite information below and in a
preliminary amendment,	or in an Application	n Data Sheet under 37 CFR	1.76:
□ Continuation	G Divisional	Continuation in and (OID)	afadan a Rod Mark

Prior application information:

Examiner:

Group / Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

Attorney Docket No. 7610-0047

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Country	USA		Telephone		(650) 330-09	00	Fax		(650) 330-0980
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Signature of Person Mailing Paper or Fee: Complete if Known Application Number FEE TRANSMITTAL Filing Date Filed Herewith First Named Inventor Mitchell W. Mutz Group Art Unit Not Assigned Yet Note: Effective October 1, 1997. Evaminer Name Not Assigned Yet Patent fees are subject to annual revision TOTAL AMOUNT OF PAYMENT \$1019 Attorney Docket Number 7610-0047 METHOD OF PAYMENT (check one FEE CALCULATION (continued) 1. X The commissioner is hereby authorized to charge any 3. ADDITIONAL FEES additional fees and credit any overpayments to: Deposit Account No.: 18-0580 Entit Small Entity Fee Fee Fee Description Fee Due Deposit Account Name: REED & ASSOCIATES Code Fee Fee (S) Code **(S)** Charge Any Additional __ Charge the Issue Fee set in 105 130 205 65 Surcharge - late filing fee or oath Fee Required Under 37 CFR 1.18 at the mailing 37 CFR 1.16 and 1.17 of the Notice of Allowance 50 Surcharge - late provisional filing fee or eover X Payment Enclosed 130 130 139 130 Non-English specification X Check Money Order 147 2,520 147 2.520 For filing a request for reexamination 112 920* 112 920* Requesting publication of S1R prior to FEE CALCULATION Examiner action 1. FILING FEE 1.840 113 1,840 Requesting publication of SIR after Examiner action Large Entity Small Entity 110 215 55 Extension for reply within first month Fee Fee Fee Fee 116 400 216 200 Extension for reply within second month Code Fee Description (\$) Code (\$) Fee Due 920 460 Extension for reply within third month 101 740 201 370 Utility filing fee \$370 118 1,440 218 720 Extension for reply within fourth month 102 330 206 165 Design filing fee 128 1.960 228 080 Extension for reply within fifth month 104 510 207 255 Plant filing fee 119 320 219 160 Notice of Appeal 09 740 208 370 Reissue filing fee 120 320 220 160 Filing a brief in support of an appeal 10 150 Provisional filing fee 121 280 221 140 Request for oral hearing SUBTOTAL (1) 138 1,510 138 1,510 Petition to institute a public use proceeding 2 CLAIMS Fee from 140 110 240 55 Petition to revive - unavoidable Extra below Fee Due 141 1.280 241 640 Petition to revive - unintentional Total Claims <u>83</u> - 20 = 63 9 142 1 280 242 640 Utility issue fee (or reissue) Independent 143 460 243 230 Design issue fee Claims - 3 = 4 ___ \$42 144 620 244 310 Plant issue fee Multiple Dependent Claims x 130 122 130 Petitions to the Commissioner Entity Small Entity 123 50 123 50 Petitions related to provisional applications Large Fee Fee Fee Fee Fee Description 126 240 180 126 Submissions of Information Disclosure Stmt Code **(S)** Code (\$) 581 40 581 40 Recording each patent assignment per property \$40.00 103 18 203 o Claims in excess of 20 (times number of properties) 102 202 42 Independent Claims in excess of 3 740 370 146 246 Filing a submission after final rejection 104 280 204 140 Multiple Dependent Claim (37 CFR 1.129(a)) 100 200 42 Reissue independent claims over 140 740 249 370 For each additional invention to be original patent examined (37 CFR 1.129(b)) 110 18 210 q Reissue claims in excess of and Other fee (specify) original patent Other for (specify) SUBTOTAL (2) \$600 Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$40.00 SUBMITTED BY Complete (if applicable) Typed or Printed Name Louis L. Wu Reg. Number 44,413 Wn 2/4/200 Date Signature Deposit Account 18-0580

I hereby certify that this paper of States Postal Service 'Express Mall' Post Office to Addressee' service under 37 CFR § 1.10 on the date indicated below and is addressed to "Coëmissioner for Patents, P.O. Box 2327, Attn: Box Patent Application, Arlington, VA 22202."

At Dey Docket No. 7610-0047

PATENT APPLICATION

ACOUSTIC ASSESSMENT OF FLUIDS IN A PLURALITY OF RESERVOIRS

Inventors: Mitchell W. Mutz, Palo Alto, California Richard N. Ellson, Palo Alto, California James K. Foote, Cupertino, California

Louis L. Wu Registration No. 44,413 REED & ASSOCIATES 800 Menlo Avenue, Suite 210 Menlo Park, California 94025 (650) 330-0900 Telephone (650) 330-0980 Facsimile